



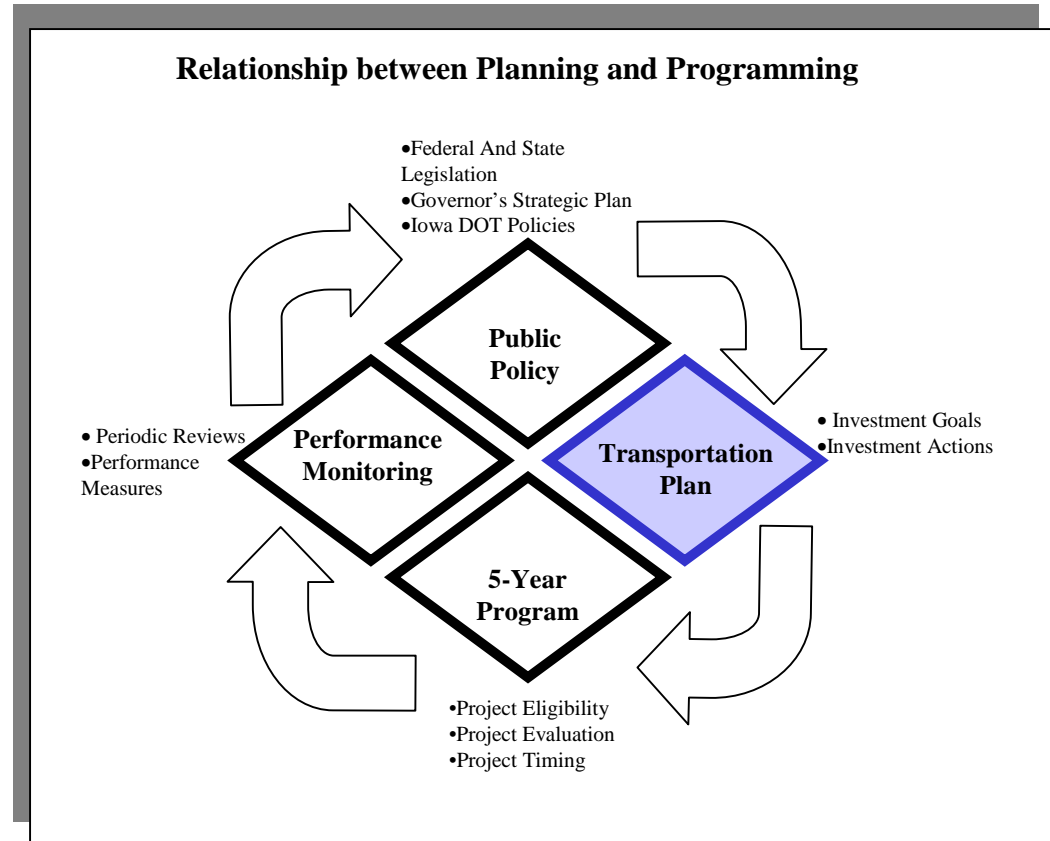
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# Planning Ahead Status Commission Workshop

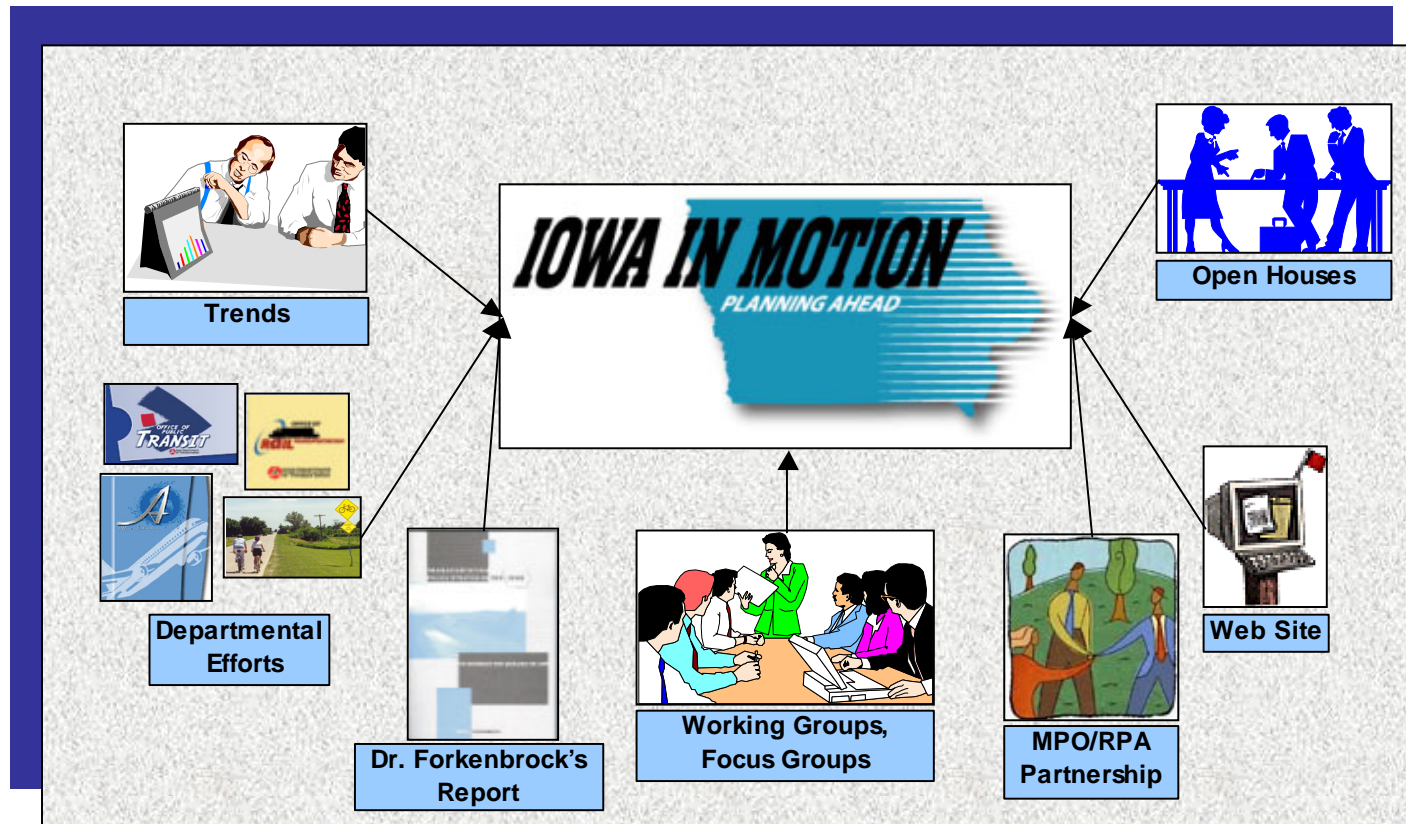
September 13, 2004

# Overview

- Status of Input Efforts
- Bicycle and Pedestrian Status



# Input to Development of *Planning Ahead*



- Aviation Public Input Meetings
- MPO/RPA Subcommittee Meeting
- MPO and RPA Quarterly Meetings



# Bicycle and Pedestrian

## Discussion Topics

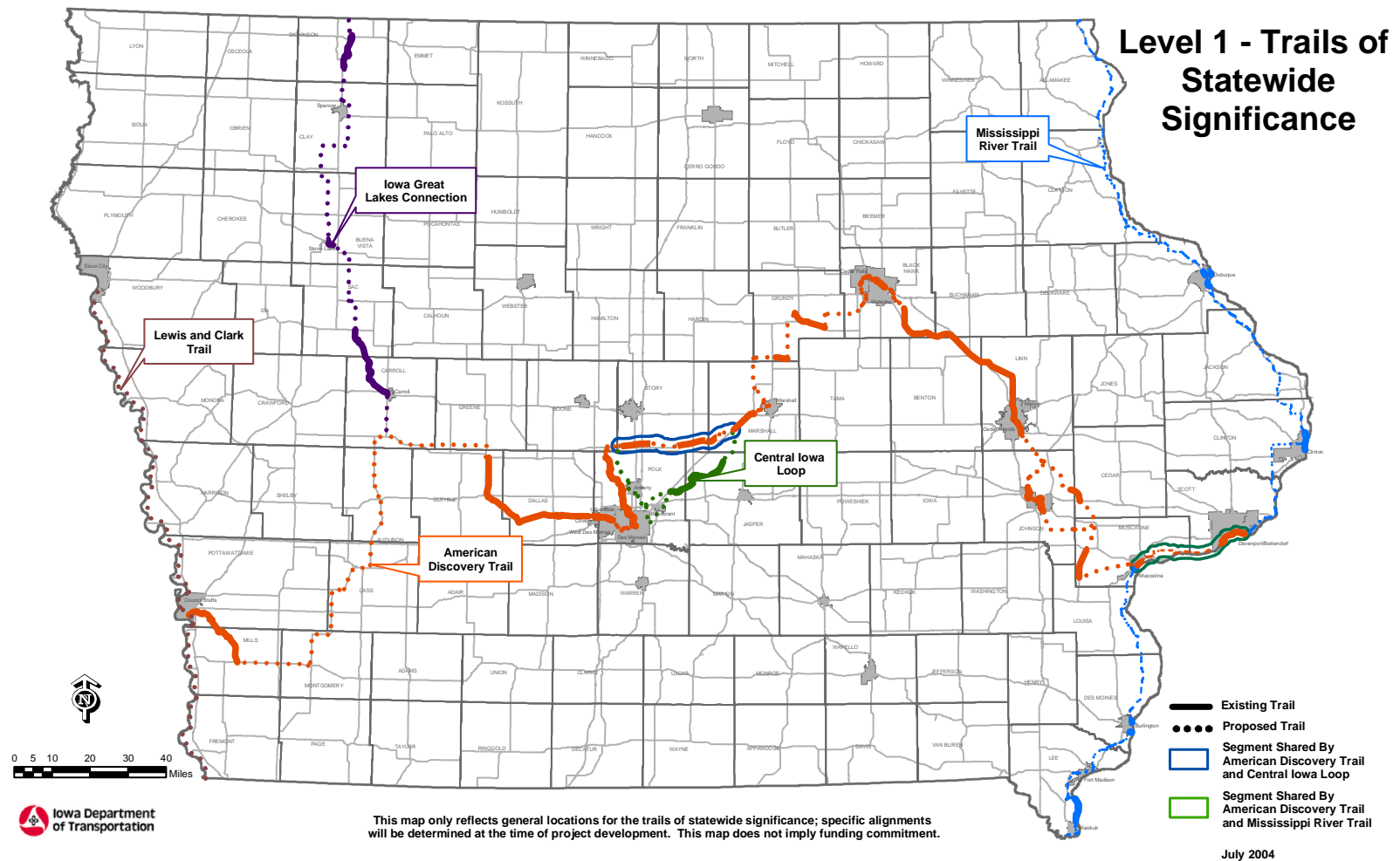
- Public input on plan concepts
- Level 1 costs and revenues
- Plan strategies



# Bicycle and Pedestrian

## **Draft Plan Concepts**

- 3-Level Trail System
- Accommodating Bicycles on Primary Highways





# Bicycle and Pedestrian

## **Public Input on Draft Concepts**

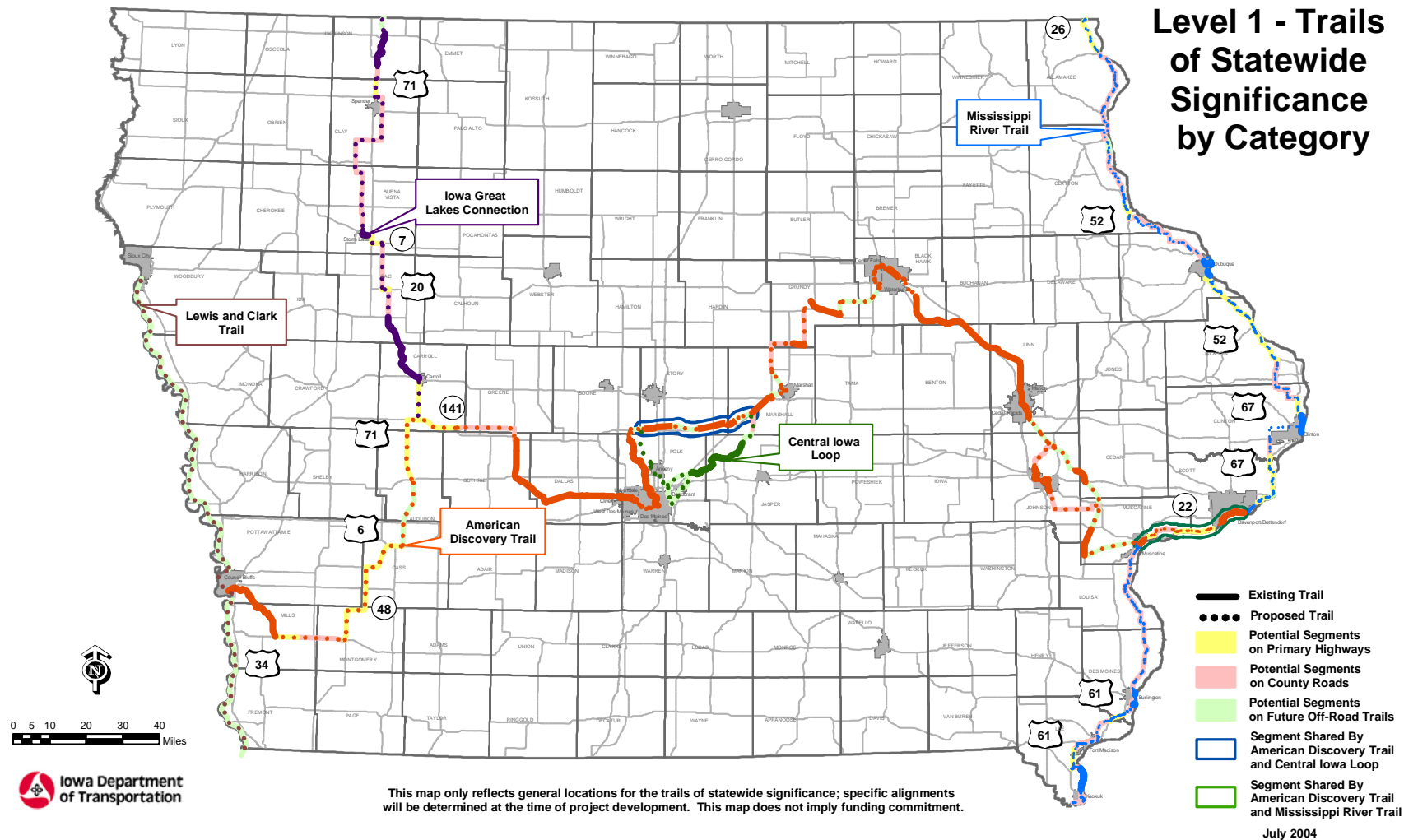
- Overall approval of the concepts
- Minor map changes
- Concerns about maintaining existing trails

# Guidelines for Bicycle Accommodations Within Primary Highway Corridors

	Primary Highways on Level 1 – Trails of Statewide Significance Where An Alternative Road or Off-Road Trail is not Viable		Other Primary Highways Which Meet Bicycle Accommodation Guidance		Other Primary Highways Which Do Not Meet Bicycle Accommodation Guidance	
	<u>Rural</u>	<u>Urban</u>	<u>Rural</u>	<u>Urban</u>	<u>Rural</u>	<u>Urban</u>
<b>New Construction and Reconstruction</b>	Paved shoulder or separated trail  <i>(DOT funding)</i>	Bicycle lane <b>or separated trail</b>  <i>(DOT funding)</i>	Paved shoulder or separated trail  <i>(DOT and/or local funding)</i>	Bicycle lane <b>or separated trail</b>  <i>(DOT and/or local funding)</i>	Paved shoulder or separated trail  <i>(Local funding)</i>	Bicycle lane <b>or separated trail</b>  <i>(Local funding)</i>
<b>Preservation</b>	Paved shoulder  <i>(DOT funding)</i>	Bicycle lane  <i>(DOT funding)</i>	Paved shoulder  <i>(DOT and/or local funding)</i>	Bicycle lane  <i>(DOT and/or local funding)</i>	Paved shoulder or separated trail  <i>(Local funding)</i>	Bicycle lane  <i>(Local funding)</i>



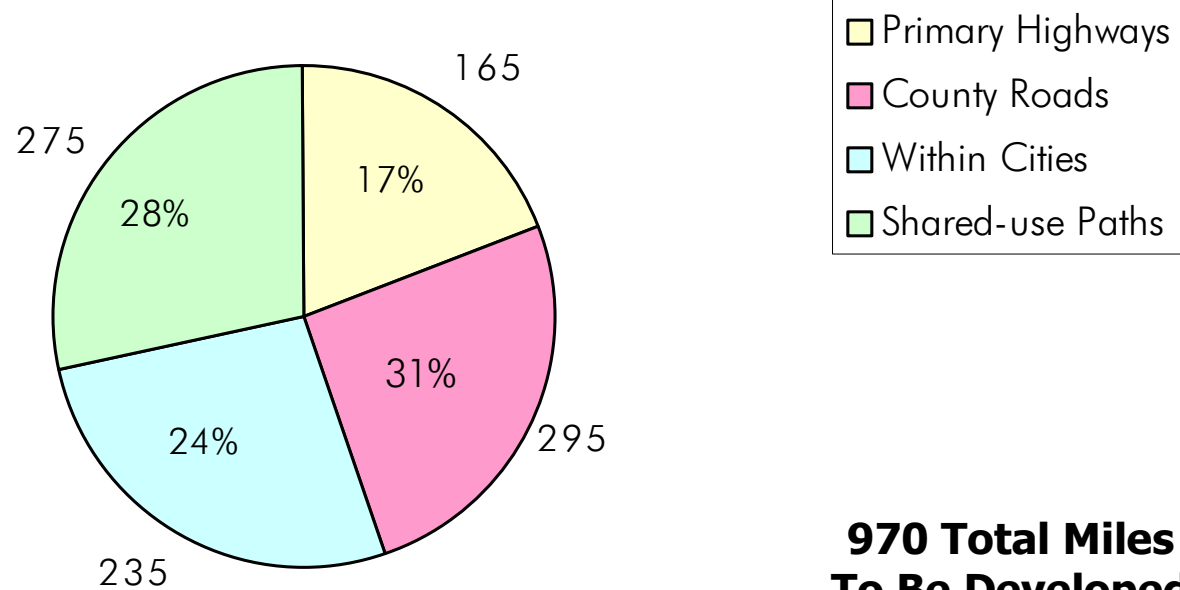
# Level 1 - Trails of Statewide Significance by Category



# Mileage Summary for Level 1 – Trails of Statewide Significance

	Miles Completed	Estimated Mileage To Be Developed					Total Miles
		Primary Highways	County Roads	Within Cities	Shared- use Paths	Total	
<b>American Discovery Trail</b>	<b>170</b>	70	75	100	85	<b>330</b>	<b>500</b>
<b>Mississippi River Trail</b>	<b>20</b>	75	140	80	20	<b>315</b>	<b>335</b>
<b>Central Iowa Loop</b>	<b>40</b>	0	10	25	35	<b>70</b>	<b>110</b>
<b>Iowa Great Lakes Connection</b>	<b>30</b>	20	70	10	5	<b>105</b>	<b>135</b>
<b>Lewis and Clark Trail</b>	<b>0</b>	0	0	20	130	<b>150</b>	<b>150</b>
<b>Total</b>	<b>260</b>	165	295	235	275	<b>970</b>	<b>1,230</b>

# Level 1 Miles To Be Developed by Category



**970 Total Miles  
To Be Developed**

# Annual Cost Summary

## for Level 1 Trails Development

(2004 dollars in millions)

	Primary Highways	County Roads	Within Cities	Shared- use Paths	TOTAL
<b>American Discovery Trail</b>	\$0.22	\$0.23	\$0.33	\$0.60	<b>\$1.37</b>
<b>Mississippi River Trail</b>	0.23	0.43	0.26	0.14	<b>\$1.06</b>
<b>Central Iowa Loop</b>	0.00	0.03	0.08	0.25	<b>\$0.36</b>
<b>Iowa Great Lakes Connection</b>	0.06	0.21	0.03	0.04	<b>\$0.34</b>
<b>Lewis and Clark Trail</b>	0.00	0.00	0.06	0.92	<b>\$0.99</b>
<b>TOTAL</b>	<b>\$0.51</b>	<b>\$0.90</b>	<b>\$0.76</b>	<b>\$1.95</b>	<b>\$4.12</b>



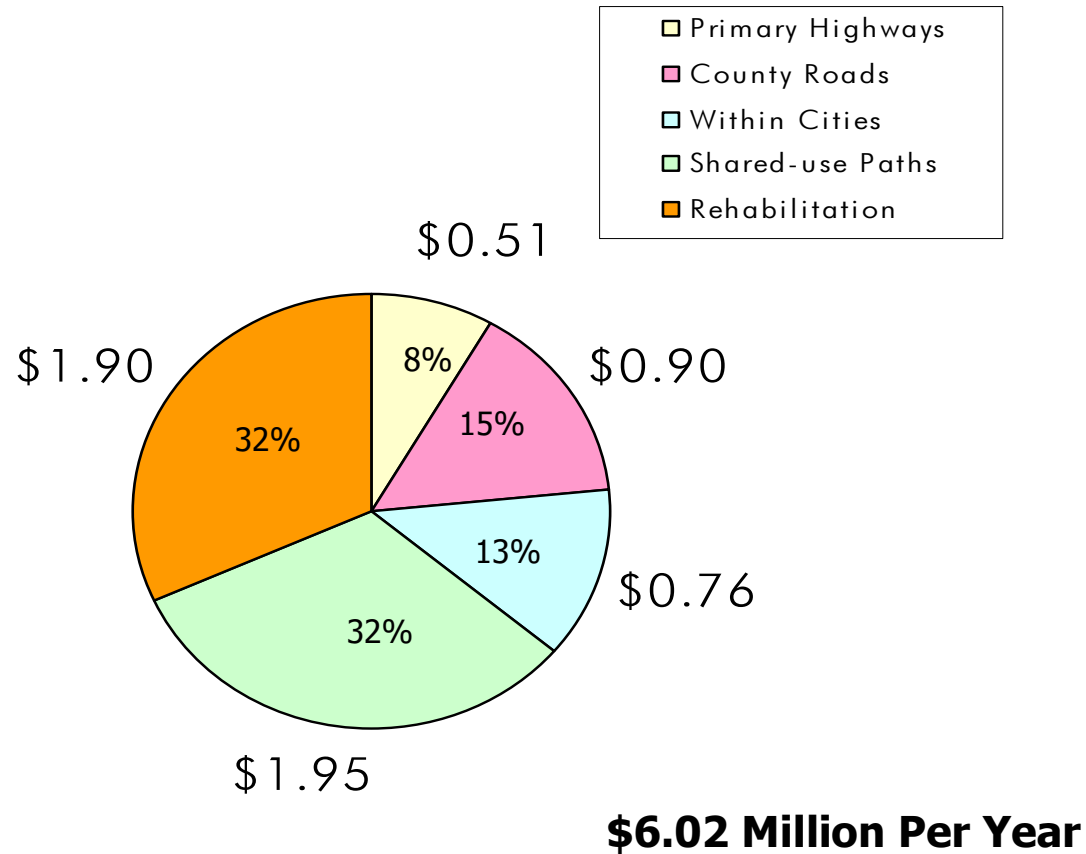
# Bicycle and Pedestrian

## Average Annual Costs for Level 1 Trails Development and Rehabilitation

	<u>Plan Period</u>	<u>Beyond Plan Period</u>
Development Costs	\$4.12 million	\$0
Rehabilitation Costs	<u>\$1.90 million</u>	<u>\$1.12 million</u>
Total	\$6.02 million	\$1.12 million

# Annual Cost Summary for Level 1 Trails

(2004 dollars in millions)





# Bicycle and Pedestrian

## Existing/Historic Funding for Level 1 Trails Development and Rehabilitation

State Recreational Trails Program	\$ 0
Transportation Enhancement Program	\$2.76
Federal Recreational Trails Program	\$0.41
REAP Funding	\$0.33
Grant Program Matching Funds	<u>\$0.63</u>
Sub-total	\$4.13
Highway Program Funding	<u>\$0.74</u>
Total	\$4.87 million/year



# Bicycle and Pedestrian

## Comparison of Annual Costs and Revenues For Level 1 Trails

Estimated Costs	\$6.02 million
Available Revenues	<u>\$4.87 million</u>
<b>Funding Shortfall</b>	<b>(\$1.15 million)</b>





# Bicycle and Pedestrian

## Plan Strategies

### Quality of Life

- Focus investments on Level 1 Trails
- Continue investments on Level 2 and 3 Trails
- Continue and enhance proactive involvement in education, promotion and advocacy
- Update state bicycle map on a regular basis



# Bicycle and Pedestrian

## Plan Strategies

### Efficiency

- Seek a mechanism to acquire abandoned rail lines
- Improve coordination and cooperation among trail developers (in-state and across borders)
- Develop a bicycle and pedestrian data inventory



# Bicycle and Pedestrian

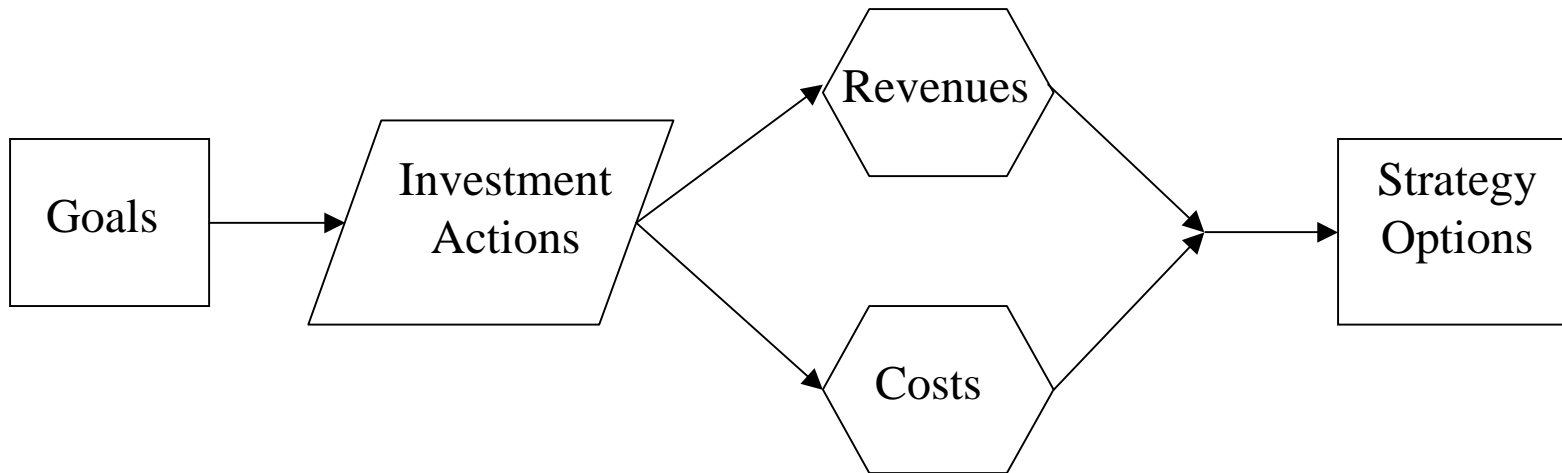
## Plan Strategies

### Safety

- Develop recommended maintenance and signage practices
- Expand bicycle safety program
- Develop pedestrian safety program



# Implementing Goals into Specific Transportation Investments





# Implement Goals into Specific Transportation Investments

